

Application No. 09/619,876
DOCKET: 1232-4636

PATENT

AMENDMENTS TO THE CLAIMS

The Office Action indicates that claims 1-2, 5, 7-11, and 15-18 are pending. Claims 1, 2, 15, 17, and 18 are herein amended as set forth in the following listing of claims that will replace all prior versions and listings of claims in this application.

Listing of Claims:

1. (currently amended) A communication apparatus which receives image data taken by an imaging apparatus connected through a network, comprising:

a storage unit for storing ~~control~~ preset parameter information to control at least one operation of panning, tilting, zooming and irisng of said imaging apparatus;

a first output unit for outputting to a display unit a first synthetic map image which is obtained by synthesizing a camera symbol indicating a setting location of said imaging apparatus on a map image;

a selection unit for selecting an imaging apparatus to be controlled in accordance with designating the camera symbol corresponding to the imaging apparatus on the first synthetic map image;

[[an]] a second output unit for outputting to a display unit a second synthetic map image which is obtained by synthesizing a first symbol corresponding to the ~~control~~ preset parameter information of the selected imaging apparatus stored in said storage unit[[,]] on [[a]] the first synthetic map image indicating a setting location of said imaging apparatus, and a second symbol corresponding to the ~~control~~ preset parameter information of the selected imaging apparatus stored in said storage unit which has same identifying information of preset parameter as an identifying information of preset parameter of the first symbol on a different area from the

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map after an imaging apparatus is selected by said selection unit;

an instruction unit for permitting ~~[[a]]~~ said user to instruct selectively the first symbol on the map and the second symbol on the different area which have same identifying information of preset parameter, displayed by said display unit;

a transmit unit for transmitting the ~~control~~ preset parameter information to control at least one operation of ~~paning~~ panning, tilting, zooming, and irising of said imaging apparatus stored by said storage unit to the imaging apparatus in response to an instruction of at least one of the first symbol and the second symbol on the map by said instruction unit.

2. (Currently amended) An apparatus according to Claim 1, wherein there are the plural ~~control~~ preset parameter information stored by said storage unit, and the plural first symbols corresponding to the plural control information are synthesized on the first synthetic map image.

Claims 3-4. (canceled)

5. (previously presented) An apparatus according to Claim 1, wherein the image data changed by controlling said imaging apparatus is displayed on said display unit, and said storage unit stores as the control information the operation state of said imaging apparatus when an instruction was given by said instruction device.

Claim 6 (canceled)

7. (previously presented) An apparatus according to Claim 1, wherein said storage unit stores a title corresponding to the control information.

8. (previously presented) An apparatus according to Claim 7, wherein said output unit also outputs the title to said display unit.

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9. (previously presented) An apparatus according to Claim 8, wherein the title is output according as an instruction image of an instruction device is moved onto the first symbol.

10. (original) An apparatus according to Claim 1, wherein the control information is deleted according to a deletion instruction from an instruction device.

11. (original) An apparatus according to Claim 5, wherein there are said plural imaging apparatuses, and the control information can be instructed to each of said imaging apparatuses.

Claims 12-14. (canceled)

15. (currently amended) An apparatus according to Claim 1, wherein a synthesizing position can be arbitrarily designated when the first symbol is synthesized to the first synthetic map image.

16. (previously presented) An apparatus according to Claim 1, wherein said storage unit stores a synthesizing position corresponding to the control information.

17. (currently amended) A control method of a communication apparatus which receives image data taken by an imaging apparatus connected through a network, comprising the steps of:

storing control information to control at least one operation of panning, tilting, zooming, and iris of the imaging apparatus;

outputting to a display unit a first synthetic map image which is obtained by synthesizing a camera symbol indicating a setting location of said imaging apparatus on a map image;

selecting an imaging apparatus to be controlled in accordance with designating the camera symbol corresponding to the imaging apparatus on the first synthetic map image;

outputting to a display unit a second synthetic map image which is obtained by synthesizing a first symbol corresponding to the ~~control~~ preset parameter information of the

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selected imaging apparatus stored in said storage step[[.]] on [[a]] the first synthetic map image indicating ~~a setting location of the imaging apparatus~~, and a second symbol corresponding to the control preset parameter information of the selected imaging apparatus stored in said storage step which has same identifying information of preset parameter as an identifying information of preset parameter of the first symbol on a different area from the map after an imaging apparatus is selected by said selecting step;

utilizing an instruction unit for permitting [[a]] said user to instruct selectively the first symbol on the map and the second symbol on the different area which have same identifying information of preset parameter, displayed by said display unit; and

transmitting the control preset parameter information to control at least one operation of panning, tilting, zooming, and irising of said imaging apparatus stored in said storage step to the imaging apparatus in response to an instruction of at least one of the first symbol and the second symbol on the map by said unit.

Claim 18. (currently amended) A storage medium which stores a program to be executed by a computer for controlling an imaging apparatus in a communication apparatus which receives image data taken by the imaging apparatus connected through a network, said program comprising:

a code of storing control information to control at least one operation of panning, tilting, zooming, and irising of the imaging apparatus;

a code of outputting to a display unit a first synthetic map image which is obtained by synthesizing a camera symbol indicating a setting location of said imaging apparatus on a map image;

a code of selecting an imaging apparatus to be controlled in accordance with designating

Application No. 09/619,876DOCKET: 1232-4636PATENTthe camera symbol corresponding to the imaging apparatus on the first synthetic map image;

a code of outputting to a display unit a second synthetic map image which is obtained by synthesizing a first symbol corresponding to the ~~control~~ preset parameter information of the selected imaging apparatus stored in said storage step[[,]] on [[a]] the first synthetic map image ~~indicating a setting location of the imaging apparatus~~, and a second symbol corresponding to the ~~control~~ preset parameter information of the selected imaging apparatus stored in said storage step which has same identifying information of preset parameter as an identifying information of preset parameter of the first symbol on a different area from the map after an imaging apparatus is selected by said selecting step;

a code of utilizing an instruction unit for permitting [[a]] said user to instruct selectively the first symbol on the map and the second symbol on the different area which have same identifying information of preset parameter, displayed by said display unit; and

a code of transmitting the ~~control~~ preset parameter information to control at least one operation of panning, tilting, zooming, and irisng of said imaging apparatus stored by said storage code to the imaging apparatus in response to an instruction of at least one of the first symbol and the second symbol on the map by said instruction unit.